

Prepn. of medical sponges contg. biologically resorbable materials

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 DE876446 (C)
 DE852906 (C)
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Abstract of DE 4407875 (A1)

A medicinal sponge (A) of biologically resorbable materials (BRM) is obtd. by reaction of the BRM (in aq. soln. at a concn. of 2-15 wt.%) with a crosslinking agent which contains aldehyde gps. (and is in aq. soln. at a concn. of 0.05-0.5 wt.%). The aq. soln. of BRM is mixed with the aq. soln. of the crosslinking agent and passed, using a pump, through a dispersion tube, with simultaneous passage of a gas (at 1-9 bar pressure) through the tube. The resulting foam is drained off into a drying appts.. Also claimed is an appts.: (B) for prepn. of medicinal sponges from BRM, comprising a vessel (1) (with a stirring appts., a connection (2) for distilled water, and a connection (3) for the crosslinker soln.), a connection (5) for vapour, a sterile filter (4), a cooling vessel (6), a pump (7), a dispersion tube (8) (which contains filler (9)), a discharge support (10) (equipped with a thermoelement) and an appts. (15) for drying the sponge. A gas introduction appts., comprising a closed gas container (12), a regulator (13) and a sterile filter (14), is attached laterally between pump (7) and dispersion tube (8).

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